

ABSTRACT OF THE DISCLOSURE

A fuel cell includes: a membrane electrode assembly (MEA) including a polyelectrolyte membrane having first and second sides to which a fuel  
5 electrode and an air electrode are joined, respectively; a fuel electrode housing having an internal face on which a fuel channel and a fuel-side electrode film are formed; and an air electrode housing having an air passage formed therein, the  
10 air electrode housing having an internal face on which an air-side electrode film is formed. The fuel electrode housing is joined to the MEA with the internal face thereof facing the fuel electrode of the MEA so that the fuel-side electrode film is  
15 electrically connected to the fuel electrode. The air electrode housing is joined to the MEA with the internal face thereof facing the air electrode of the MEA so that the air-side electrode film is electrically connected to the air electrode.

20